



EX01 viewed from the south.

**Geographic Response Strategies for
Northwest Arctic Subarea, Northern Zone**

Riley Wreck, NWA-N28

Center of map at 66° 43.75' N Lat., 162° 19.79' W Lon.



Legend

Free-oil Recovery	Protected-water Boom
Diversion Booming	Snare or Sorbent Boom
Passive Recovery	Bears in Area, Guards Recommended
Shoreside Recovery	Helicopter Landing Pad

This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-28-01 DV	Riley's Wreck Lat. 66° 43.04'W Lon. 162°17.27'W	Divert and Collect The entrance to the wetlands may change seasonally and large storms may open in other areas on the barrier beach. Aerial survey recommended prior to deployment. Divert incoming oil to the shoreside collection area.	Deploy anchors and boom with skiffs (class 6). Place the boom at the proper angle to divert incoming oil to the collection site. Set-up collection site using shore-side collection unit or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. Tend throughout the tide.	Deployment Equipment 500 ft. protected-water boom 2 ea. anchor systems 4 ea. anchor stakes 1 ea. shore-side collection units Vessels 2 ea. class 6 Personnel/Shift 5 ea. vessel crew 2 ea. response techs Tending Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew 2 ea. response tech	Vessel platform	Via marine waters Chart 16005	Birds: waterfowl concentration, shorebird concentration, seabird nesting Marine mammals: seals Habitat: gravel beaches, low lying tundra Human Use: Subsistence	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations. Consult the Site Selection Matrix for the Cultural Resources Designation. Site: not surveyed Tested: not yet
N-28-02 PR	Riley's Wreck Lat. 66° 43.14'N Lon. 162°17.91'W	Passive Recovery The lagoon maybe closed to direct ocean access. If storms threaten to breach the barrier beach, deploy passive recovery across the channels of the streams in Riley's Wreck Lagoon. The lagoon may not be accessible with skiffs. Helicopter deploy when not accessible.	Place and anchor snare line or sorbent boom across the channels of streams in Riley's Wreck. Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> Determined by survey	Deployment Equipment Snare line or sorbent boom-length determined by survey Anchor systems # determined by survey Anchor stakes # determined by survey Vessels/Personnel/Shift Same as N-28-01 Tending Vessels/Personnel/Shift Same as N-28-01	Vessel platform	Via marine waters Or helicopter Chart 16005	Same as N-28-01	Vessel master should have local knowledge.
N-28-03 FO-S	Riley's Wreck Nearshore waters in the general area of: Lat. 66° 42.58'N Lon. 162°18.48'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Riley's Wreck depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Riley's Wreck. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	15 nm to Kotzebue	Via marine waters Chart 16005	Same as N-28-01	Vessel master should have local knowledge. Use extreme caution, shoal waters.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.